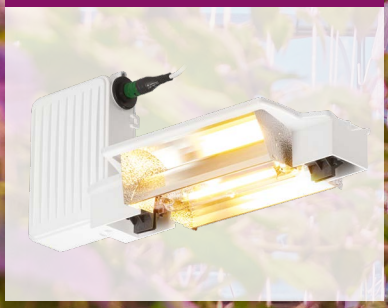
PHILIPS

Horticulture
light solutions

Philips HPS 1000W



Premium grow lights for hybrid projects

The high tech horticulture world is shifting to energy efficient ways to help grow crops. Grow lights generate more yield, higher quality crops and better predictability.

When looking for a great solution combined with managed investment cost, combining HPS and LED grow lights have proven to be a great solution, because you will still be able to steer on spectrum and light recipe. Investing in a hybrid setup, will increase light levels with similar energy cost or you will reduce energy cost while maintaining the same light level with a limited investment cost.

All Philips products are of top quality going through rigorous testing and meeting international quality standards. Premium quality with a light intensity up to 2000 µmol/m2

Key benefits

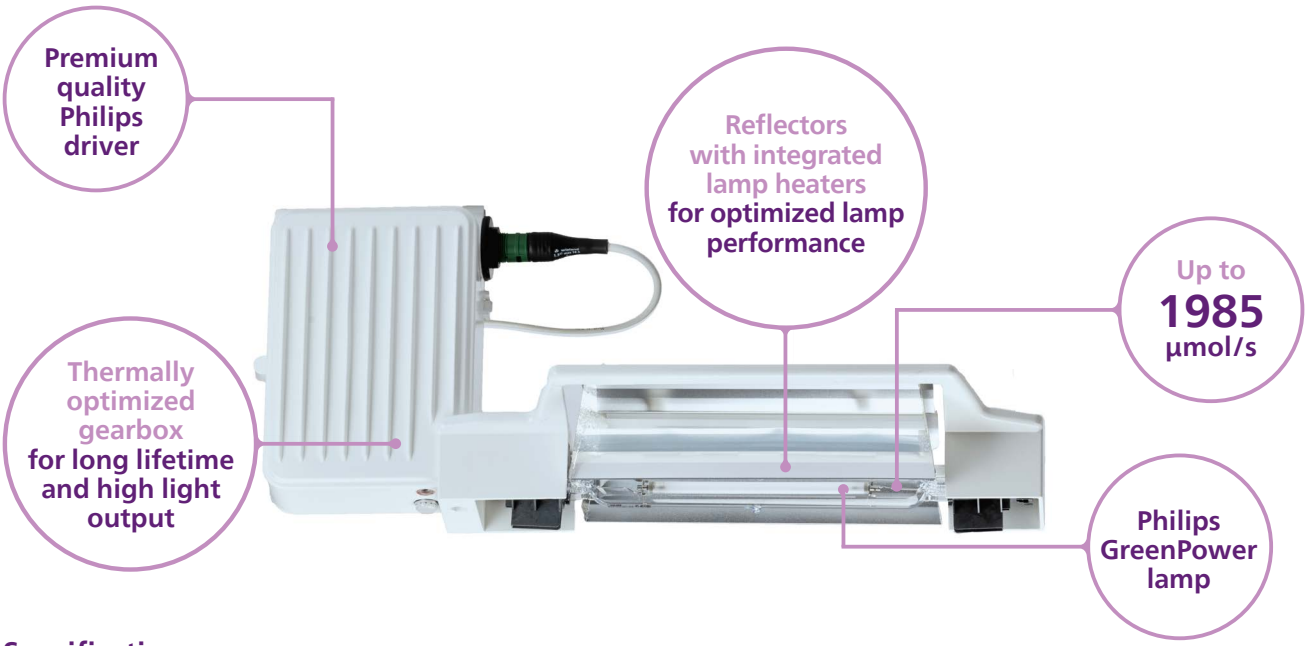
- High light output up to 1985 µmol/s
- Proven reflector design for optimal performance and minimal light depreciation over time
- High quality Philips components (lamps and drivers)
- Available in standard and wide beam to fit any greenhouse situation
- Produced in the Netherlands
- 100% Quality control and component traceability to safeguard Philips quality

Dutch design, development and production

Philips HPS fixtures are designed and developed with the latest technical insights in horticulture lighting. A fully automated testing procedure guarantees a 100% quality control and traceability of the components to safeguard Philips quality. The fixtures are packed in 100% recyclable carton boxes with special protection sleeve to protect lamp and reflector during transportation and initial installation in the greenhouse.

Long-lasting performance guaranteed

The optimized thermal household of the power supply, lamp and reflector creates the perfect condition for a long-lasting performance and low maintenance. The power supply housing is equipped with gaskets, grommets, and a core filter to protect the electronics against the harsh influences of moisture. Premium components like Philips lamps and drivers, housing, lamp holder and reflectors are built in for the highest reliability.



Specifications

Input voltage		V	400	277	347
Typical photon flux	standard beam 100°	µmol/s	1985	1985	1985
	wide beam 120°		1955	1955	1955
Max. ambient temperature		°C	37	31	41
Mains frequency		Hz	50 - 60	47 - 63	47 - 63
Mains power		W	1031 W	1040 W	1040 W
Mains current		A	2.61	3.9	3.1
Total harmonic distortion		%	8	7	11
Rated average lifetime		hrs	L95 10.000		
Bulb Temperature (max)		°C / °F	700/1292		
Power factor		VAC	> 0.99		
Inrush current		A	30		
Pulse duration		ms	1.6		
Ingress protection rating			54 / 23		
Dimensions (l x w x h)		cm/inch	63.5 x 24.2 x 27.8 / 25 x 9.5 x 10.9		
Weight		kg	3.8		
Approval marks			CE, UL/CSA, CQC		
Connector			Wieland RST20i3		

Note:
Lifetime and maintenance values are given at an ambient temperature of 25 °C / 77 °F.
All measured lifetimes are industry standard measurements indicating average length of operation and not a performance claim specific to any individual product.

Document order number: 442295717314
10/2022 | Data subject to change

For more information about Philips Horticulture LED Solutions visit: www.philips.com/horti

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